


Application No. 10/694,474

FTIS 1004-1

**CERTIFICATE OF MAILING**

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Kathryn Marley

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Inventors:  
**Christophe Pierrat et al.**

Application No. 10/694,474

Filed: **27 October 2003**

Title: **Mask Data Preparation**

Group Art Unit: unknown  
Examiner: unknown

**CUSTOMER NO. 22470**

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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO-SB/08. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. The exception to this, in accordance with the 05 August 2003 Official Gazette Notice in which the USPTO waives the requirement for submitting copies of U.S. Patent and Publications for cases filed after 30 June 2003, is that copies of U.S. Patent documents and copies of U.S. Patent publications are not being submitted.

This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed within three months of the filing date of an application other than a continued prosecution application under 37 C.F.R. 1.53(d).

**Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (FTIS 1004-1). A copy of this authorization is enclosed.

Respectfully submitted,

HAYNES BEFFEL & WOLFELD LLP

Date: 10 Nov 2003

By: 

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>													
Sheet	1	of	2	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">Application Number</td><td>10/694,474</td></tr><tr><td>Filing Date</td><td>27 October 2003</td></tr><tr><td>First Named Inventor</td><td>Christophe Pierrat et al.</td></tr><tr><td>Group Art Unit</td><td></td></tr><tr><td>Examiner Name</td><td></td></tr><tr><td>Attorney Docket Number</td><td>FTIS 1004-1</td></tr></table>	Application Number	10/694,474	Filing Date	27 October 2003	First Named Inventor	Christophe Pierrat et al.	Group Art Unit		Examiner Name		Attorney Docket Number	FTIS 1004-1
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Examiner Name																
Attorney Docket Number	FTIS 1004-1															

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6,081,658		Rieger et al.	06-27-2000	
	A2					
	A3					
	A4					
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FOREIGN PATENT DOCUMENTS								
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			Application Number	10/694,474	
			Filing Date	27 October 2003	
			First Named Inventor	Christophe Pierrat et al.	
			Group Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	FTIS 1004-1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	BRUNNER TIMOTHY A., et al., "Optical/Laser Microlithography VIII," SPIE, Vol. 2440, 301-312.	
	C2	GAROFALO, J., et al., "Automatic Proximity Correction for 0.35Fm I-Line Photolithography," IEEE, Numerical Modeling of Processes and Devices for Integrated Circuits, 1994. NUPAD V., International Workshop on 5-6 Jun 1994, 92-94.	
	C3	RIEGER, MICHAEL L., et al., "Using Behavior Modelling for Proximity Correction," SPIE, 1994, 6 pages.	
	C4	STIRNIMAN, JOHN P., et al., "Fast Proximity Correction with Zone Sampling," SPIE, vOL. 2197, 294-390.	
	C5	STIRNIMAN, JOHN P., et al., "Optimizing Proximity Correction for Wafer Fabrication Processes," SPIE, Vol. 2322, Photomask Technology and Management (1994) 239-246.	
	C6	LIEBMANN, L.W. et al., "TCAD development for lithography resolution enhancement," IBM J. RES. & DEV. Vol 45, No. 5, September 2001, 651-665.	
	C7	TORRES, J.A., et al., "Contrast-Based Assist Feature Optimization," Deep Submicron Technical Publication, May 2002, Mentor Graphics, 8 pages.	

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